

nich Pan American Airways will inaugurate a 65-hour service ross the Pacific...Two Pratt & Whitney Twin Wasps also powered a Navy's newest Consolidated Patrol Boat on its record-breaking 3,450-mile non-stop flight from Coco Solo to San Francisco. The selection of Pratt & Whitney power for flights of such outstanding significance reflects the continued record for dependability established by Wasp and Hornet engines in all parts of the world.

WASP & HORNET ENGINES

FORGED FITTINGS

for Light weight plus Reliability



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ALCOA 🗑 ALUMINUM



ROSEN AND PRODUCTION

ARMY AND NAVY

PRIOTS AND PLYING STRYKES

What fixed base occurrent shade of the for Commerce Eurose's light plant ordered, page 31



Contents for December, 1935 This Light Plane Business 25 Editorick 29 Plying Equipment 30 Meintenance Natchank operates Carner News of the Heath Schools, Services and Airports

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WRIGHT PATERSON NEW JERSEY A SETTINGS OF GUNTAN-WHIGHT COMPORATION



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TWA SKYLINERS GET EXTRA SAFETY OF GOODRICH TIRES

Husky Low Pressure Silvertowns Help Keep TWA Planes 'On Time' - Cushion Landings WHEN THE'S "They Chief" and other America, they're commended with every carefully selected was men on the



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SPEED - COMPORT -

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Goodrich Airplane Silvertowns



DOUGLAS LEXURY LINERS now fly 75,000 miles . . . more than three those second the world ... every day. Operated pight and day in twenty-one different countries and through all extremes of weather these airplanes have demonstrated their uncorpanied performance. A record of 98.8% schedule efficiency has been set in the first eight months of 1935 on siglines of North and South America. And since their introduction a year ago Douglas Transports

have flown more than twenty million miles. LAS AIRCRAFT CO. Inc.

A New High Record of

Stratosphere Balloon Fabrics Furnished by Wellington Sears Co.

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Largest Training Transport in U. S. Added to Boeing School Fleet

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BORING SCHOOL FLIGHT ADVISORY BOAR



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Instrument Training from Scratch

By T. Lee, Jr.

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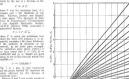
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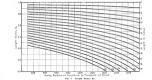
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By Joseph S. Newell

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AVIATION



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Nose Wheels

Cant Rosel T. Courtney

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In our survey of industry opinion on the Department of Commerce light plans was gram presented elsewhere in this issue, no other proposed feature attracted as much foreroble comment as the three-wheelest leading your with nose wheel. Captain Courtney's experience with nose wheel years ranges from pre-year types down through the latest CartisaWright one phibian, of which he was the designer.

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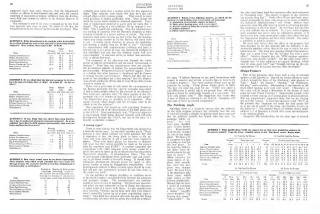
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Flying Equipment



Giro Without Wings



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STREAMLINE TAIL WHEEL KNIICKLE ASSEMBLIES Full Range of Sizes for AIRPLANE WHEELS . Steerable and 360° Swivelable BRAKES . PILOT SEATS AND PHEUGRAULIC

SHOCK STRUTS

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In the world's TOUGHEST PROVING GROUNDS

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Makes sounds Balance march, and many object feature have made one and more resulter demands on behalvator. As min and properties, reduced and record rating was this congression plus advanced refining methods have made

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KLM Report

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Findings

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Calendar

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Traffic









Now comes a still bigger AIRWHEEL*

As MASTERY of the skyways progresses with larger ships, Goodpear keeps pace by providing equipment essential to comfortable landings and take-offs Thus the Invest Airwheel yet people was resourted by one of America's largest makers of authors. And to rive pilors dependshie ground control, Goodvess multiple disc breferatic brakes were specified also. This will blence Alembert stands 45 inches bush and in cross section is 20 inches. It weighs 155 pounds. At 55 nounds air pressure it is rated to carry a load of six roos



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SIKORSKY AIRCRAFT ACHIEVEMENTS FOR 1935 Already the holder of ten world's records for to be the fastest transport amplifion flown in named of the consultations by the suppossful demonstration of a practicable route across the Pacific

for Pan American Airseaux.

performance, the Schooler S-46 gave outstanding. 1935, and it making its debut in scheduled service over the routes of later-lehad Astronya

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DITINION OF UNITED AUGUSTS MANUFACTURING CORPORATION TAST MARYCOND CORPORATION

The Sikorsky S-63 proved in actual performance surproper our

G.H.O. for Miami Meet

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CONSTANT SPEED ontrol TOT ALL PLICAT CONDITIONS On September 4th, 1933, James R. Wedell set a world's land plane speed record of 304.98 m.p.h. using a Hamilton Standard controllable pitch propeller. On September 13, 1935, Howard Hughes restored world leadership to America with a speed of 352.46 m.p. h.* using Magalitan Standard's latest development...

The Constant Speed Propeller. HAMILTON STANDARD PROPELLERS

East Hartford Connecticut DIVISION OF UNITED AIRCRAFT MANUFACTURING CORPORATION



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The new twis-engine Loadsheed Electra and the sunglessings Oness of the their operated by Reinfridges, Colors of the Section 19 (Reinfridges, Colors Elega, Colors Elega,

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Schools, Services, and Airports

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